

Title (en)
AXLE FOR WHEELS OF A DOUBLE-TRACKED MOTOR VEHICLE, AND DOUBLE-TRACKED MOTOR VEHICLE HAVING AN AXLE OF THIS TYPE

Title (de)
ACHSE FÜR RÄDER EINES ZWEISPURIGEN KRAFTFAHRZEUGS UND ZWEISPURIGES KRAFTFAHRZEUG MIT EINER SOLCHEN ACHSE

Title (fr)
ESSIEU DE ROUES D'UN VÉHICULE AUTOMOBILE À DEUX VOIES ET VÉHICULE AUTOMOBILE À DEUX VOIES MUNI DUDIT ESSIEU

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Abstract (en)
[origin: WO2016078842A1] The invention relates to an axle for wheels of a double-tracked motor vehicle, wherein, on each vehicle side, the axle has a wheel support, a damper strut, a transverse link and a transverse leaf spring which controls the wheel at least partially laterally and/or in the vehicle longitudinal direction, wherein the damper strut has a damper tube and a damper piston which can be moved in the damper tube along a damper longitudinal axis, wherein the damper strut is attached by way of the damper tube to the wheel support and is supported on the wheel support at a first active kinematic point, wherein the transverse link has a wheel support-side end region and is attached by way of the wheel support-side end region to the wheel support and is supported on the wheel support at a second effective kinematic point, and wherein the transverse leaf spring extends substantially in the vehicle transverse direction and has at least one wheel support-side end region. The transverse leaf spring is attached by way of the wheel support-side end region thereof to the damper strut and is supported on the damper strut at a third effective kinematic point. Furthermore, the invention relates to a double-tracked motor vehicle having an axle of this type.

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